

REMARKS

In the Office Action of 18 June 2004, the claims of the subject application were rejected based on a combination of WILLIAMS (6,081,205), KAISER (4,183,205) and CLARK (4,568,937) with the CLARK patent being the most significant with respect to the detector sensor limitations of the claims.

By the above amendments, all of the independent claims have been amended to include a limitation to provide for 12.5 ms long charge to the variable oscillator for the purpose of measuring the operating frequency of the variable oscillating circuit, while conserving power as needed for the practical application of the technology in parking control.

This is a significant improvement to microprocessor control as it enables small power sources, such as batteries, to be employed. None of the three references mentioned above make provision for such a small, battery power source. Moreover there is no indication, either direct or implied, in any of these three references that such source would be of value to the detector circuitry disclosed therein. Consequently, it is submitted that the power conserving aspect of the claimed invention is non-obvious to those skilled in the detector art.

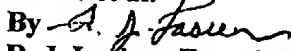
The microprocessor controller in the parking meter system of the invention has been amended to include the limitation that it superimposes the pulses received from the variable oscillator circuit during each 12.5 ms time frame in which the variable oscillator circuit is charged with those measured by the cycle clock to determine the presence or absence of a vehicle in the parking space.

It is respectfully submitted that none of the three references, taken either singly, or in combination discloses or suggests the aforementioned structure and operation of a microprocessor in a parking meter system.

In view of the amendments set forth herein it is submitted that the application is in condition for allowance and its allowance is earnestly submitted.

Respectfully submitted,

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